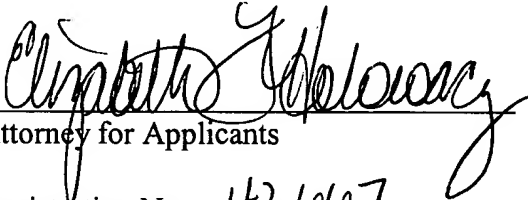


Hanna merely suggests (column 5, lines 41-45) that some liquid crystal compounds have both electron-transport capability and hole-transport capability and that, when mixed with a fluorescent (not phosphorescent) material, can provide luminescence. Hence, Hanna does not teach or suggest a liquid crystal compound having a carrier-transport function and a phosphorescent (not fluorescent) function, let alone does Hanna teach or suggest the combination of such a compound with a phosphorescent compound. Accordingly, Hanna does not impact the patentability of the presently pending claims.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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Pending Claims

1. (Twice Amended) A luminescence device comprising:
a pair of electrodes, and
at least one organic compound layer including an organic compound layer
comprising (a) a mixture of a liquid crystal compound having an electronic carrier-transporting
function and a phosphorescent function and (b) an organic phosphorescent compound.

2. (Amended) The luminescence device according to Claim 1, wherein the liquid
crystal compound is a compound assuming a smectic phase.

3. (Amended) The luminescence device according to Claim 1, wherein the liquid
crystal compound is a compound assuming a discotic phase.

4. (Twice Amended) The luminescence device according to Claim 1, wherein the
organic phosphorescent compound has a planar molecular skeleton.

5. Cancelled.

6. (New) A luminescence device comprising:
a pair of electrodes, and
at least one organic compound layer including an organic compound layer

comprising a mixture of (a) a liquid crystal, as a host material, having a carrier-transporting function and a phosphorescent function and (b) an organic phosphorescent compound as a guest material,

wherein phosphorescence attributable to the organic phosphorescent compound is produced.